LG

DVD HOME CINEMA WIRELESS SPEAKER SYSTEM

OWNER'S MANUAL

MODEL: LGHTW316
(Speakers: FE-6100TE, FE-6100CVE, FE-6100WE,
ACC-W6100, FA-W6100SL, FA-W6100SR)

DVD VIDEO/AUDIO

disc COMPACT DIGITAL AUDIO

MP3 CD-R/RW

dts DIGITAL SURROUND

DOLBY DIGITAL PRO LOGIC II

3D Surround Sound

Kodak PICTURE CD COMPATIBLE

Plays Windows Media™

Before connecting up, operating or repairing this product, please read this instruction booklet carefully and completely.

P/N: 3828R-D037U

Safety Precautions

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
CLASSE 1 PRODUIT LASER

CAUTION:

This DVD/CD receiver employs a Laser System.

To ensure proper use of this product, please read this owner's manual carefully and retain it for future reference. Should the unit require maintenance, contact an authorized service location (see service procedure).

Performing controls, adjustments, or carrying out procedures other than those specified herein may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation when open. DO NOT STARE INTO BEAM.

CAUTION: The apparatus should not be exposed to water (dripping or splashing) and no objects filled with liquids, such as vases, should be placed on the apparatus.

IMPORTANT SAFETY INSTRUCTIONS

**CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS IN THIS OWNER'S MANU-
AL AND THOSE MARKED ON THE UNIT. RETAIN THIS MANUAL FOR FUTURE REFERENCE.**

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock
or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for
installation, use, and servicing.
This unit does not contain any parts that can be repaired by the user.

**DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER
SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.**

1. **Read these instructions. -** All these safety and
    operating instructions should be read before the
    product is operated.

2. **Keep these instructions. -** The safety, operating
    and use instructions should be retained for future
    reference.

3. **Heed all warnings. -** All warnings on the product
    and in the operating instructions should be adhered
    to.

4. **Follow all instructions. -** All operating and use
    instructions should be followed.

5. **Do not use this apparatus near water. –** For
    example: near a bath tub, wash bowl, kitchen sink,
    laundry tub, in a wet basement; or near a swimming
    pool; and like.

6. **Clean only with dry cloth. –** Unplug this product
    from the wall outlet before cleaning. Do not use
    liquid cleaners.

7. **Do not block any ventilation openings. Install in
    accordance with the manufacturer's instructions. -**
    Slots and openings in the cabinet are provided for
    ventilation and to ensure reliable operation of the
    product and to protect it from over- heating.
    The openings should never be blocked by placing
    the product on a bed, sofa, rug or other similar
    surface. This product should not be placed in a
    built-in installation such as a bookcase or rack
    unless proper ventilation is provided or the
    manufacturer's instructions have been adhered to.

8. **Do not install near any heat sources such as
    radiators, heat registers, stoves, or other
    apparatus (including amplifiers) that produce
    heat.**

9. **Do not defeat the safety purpose of the polarized
    or grounding-type plug. A polarized plug has two
    blades with one wider than the other. A ground-
    ing type plug has two blades and a third ground-
    ing prong. The wide blade or the third prong are
    provided for your safety. If the provided plug
    does not fit into your outlet, consult an electri-
    cian for replacement of the obsolete outlet.**

10. **Protect the power cord from being walked on or
    pinched particularly at plugs, convenience
    receptacles, and the point where they exit from
    the apparatus.**

11. **Only use attachments/accessories specified by
    the manufacturer.**

12. **Use only with the cart, stand, tripod, bracket, or
    table specified by the manufacturer, or sold with
    apparatus. When a cart is used, use caution
    when moving the cart/apparatus combination to
    avoid injury from tip-over.**

13. **Unplug this apparatus during lightning storms
    or when unused for long periods of time.**

14. **Refer all servicing to qualified service personnel.
    Servicing is required when the apparatus has
    been damaged in any way, such as power-
    supply cord or plug is damaged, liquid has
    been spilled or objects have fallen into the
    apparatus, the apparatus has been exposed to
    rain or moisture, does not operate normally, or
    has been dropped.**

Table of Contents

About the symbols for instructions

⚠ Indicates hazards likely to cause harm to the unit itself or other material damage.

🄽 Indicates special operating features of this unit.

🅃 Indicates tips and hints for making the task easier.

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Before Use

Playable Discs

DVD VIDEO™	DVD video discs (8 cm / 12 cm disc)
DVD AUDIO™	DVD audio discs (8 cm / 12 cm disc)
COMPACT disc DIGITAL AUDIO	Audio CD (8 cm / 12 cm disc)

In addition, this unit can play a DVD-RW, DVD+RW, Kodak PICTURE CD, CD-R or CD-RW that contains audio titles, MP3, WMA, or JPEG files.

𝒩otes

– Depending on the conditions of the recording equipment or the CD-R/RW (or DVD-RW, DVD+RW) disc itself, some CD-R/RW (or DVD-RW, DVD+RW) discs cannot be played on the unit.
– Do not attach any seal or label to either side (the labeled side or the recorded side) of a disc.
– Do not use irregularly shaped CDs (e.g., heart-shaped or octagonal). It may result in malfunctions.

𝒩otes on DVDs

Some playback operations for DVDs may be intentionally fixed by the software manufacturer. As this unit plays DVDs according to disc content designed by the software manufacturer, some playback features of the unit may not be available or other functions may be added. Make sure to also refer to the instructions supplied with the DVDs. Some DVDs made for business purposes may not be able to be played on the unit.

Regional code of the DVD/CD receiver and DVDs
This DVD/CD receiver is designed and manufactured for playback of region "1" encoded DVD software. The region code on the labels of some DVDs indicates which type of player can play those discs. This unit can only play DVDs labelled "1" or "ALL". If you try to play any other discs, the message "Check Regional Code" will appear on the TV screen. Some DVDs that have no region code label may still be subject to area restrictions and therefore not playable.

Disc-related terms

Title (DVD video discs only)
The main film content, accompanying feature content, additional feature content, or music album. Each title is assigned a title reference number enabling you to locate it easily.

Chapter (DVD video discs only)
Sections of a picture or a musical piece that are smaller than titles. A title can be composed of only one or several chapters. Each chapter is assigned a chapter number, enabling you to locate the chapter you want. Depending on the disc, chapters may not be recorded.

Group (DVD audio discs only)
The main audio contents, accompanying feature content, additional feature content, or music album. Each group is assigned a group reference number enabling you to locate it easily.

Track (DVD audio discs and audio CD only)
Sections of a picture or a musical piece on an audio CD. Each track is assigned a track number, enabling you to locate the track you want.

Precautions

Handling the unit

Shipping the unit
Use the original shipping carton and packing materials may come in handy. For maximum protection, re-pack the unit as it was originally packed at the factory.

Setting up the unit
The picture and sound of a nearby TV, VCR, or radio may be affected during DVD playback. In this case, position the unit away from the TV, VCR, or radio, or remove the disc and turn off the unit.

Keeping the exterior surfaces clean
Do not use volatile liquids, such as insecticide spray, near the unit. Do not leave rubber or plastic products in contact with the unit for a long period of time. They will leave marks on the surface.

Cleaning the unit

To clean the cabinet
Use a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth lightly moistened with a mild detergent solution. Do not use strong solvents such as alcohol, benzene, or thinner, as these might damage the surface of the unit.

To obtain a clear picture
The DVD/CD receiver is a high-tech, precision device. If the optical pick-up lens and disc drive parts are dirty or worn, the picture quality will be poor.
Regular inspection and maintenance are recommended after every 1,000 hours of use. (This depends on the operating environment.)
For details, please contact your nearest dealer.

Notes on Discs

Disc Handling

Do not touch the playback side of the disc.
Hold the disc by the edges so that fingerprints will not get on the surface.
Do not stick paper or tape on the disc.
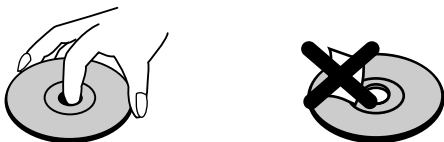
Storing discs

After playing, store the disc in its case.
Do not expose the disc to direct sunlight or sources of heat, or leave it in a parked car exposed to direct sunlight, as there may be a considerable temperature increase inside the car.

Cleaning discs

Fingerprints and dust on the disc can distort the picture or reduce sound quality. Before playing, clean the disc with a clean cloth. Wipe the disc from the centre outwards.

YES   NO
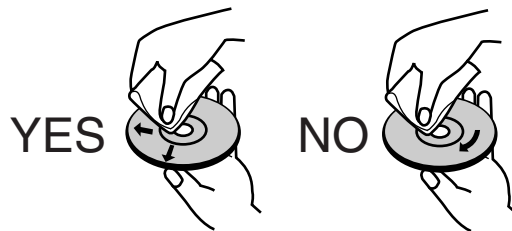
Do not use strong solvents such as alcohol, benzene, thinner, commercially available cleaners, or anti-static spray intended for vinyl records.

About Symbols

About the ⊘ symbol display

" ⊘ " may appear on the TV screen during operation. This icon means the function explained in this owner's manual is not available on that specific DVD video disc.

About the disc symbols for instructions

A section whose title has one of the following symbol is applicable only to the disc represented by the symbol.

DVD-V DVD Video discs

DVD-A DVD Audio discs

CD Audio CDs.

MP3 MP3 disc.

WMA WMA disc.

JPEG JPEG files on a disc.

Front Panel Controls/ Display Window Indicators

STANDBY/ON

STANDBY indicator
Lights red when the receiver is in Standby mode (off).

DISC Tray

OPEN/CLOSE button

PLAY/FUNCTION button

PAUSE/MONO/STEREO button

STOP/MEMORY button

TUNING (-/+)/ SKIP/SCAN buttons

DISPLAY Window

Remote sensor

VOLUME Sound control

PHONES Headphones connector

Indicates current surround mode

Indicates current audio stream

Indicates current player function: Playback, Pause, etc.

Repeat playback mode indicators

TUNED indicator

Programmed playback active

MUTE indicator

STEREO indicator

SLEEP indicator

ANGLE active

Indicates current chapter or track number

Indicates current title number

Total playing time/Elapsed time/ Frequency/Sleep time/Surround mode/Volume etc. indicators

DVD DVD video or DVD audio disc loaded
CD Audio CD loaded
MP3 MP3 or WMA disc loaded

Remote Control Buttons

OPEN/CLOSE — OPEN/CLOSE

BAND — BAND

POWER — POWER

AUX — AUX

CD/DVD — CD/DVD BAND AUX MUTE

MUTE — MUTE

DIMMER — DIMMER SLEEP

SLEEP — SLEEP

NUMBER — 1 2 3 4 5 6 7 8 9

REPEAT — REPEAT 0 REPEAT A-B

REPEAT A-B — REPEAT A-B

PROGRAM — PROGRAM CLEAR SOUND MODE DOLBY PL II

SOUND MODE — SOUND MODE

CLEAR — CLEAR

PRO LOGIC II — PRO LOGIC II

AUDIO — AUDIO

PRESET(+/-) — PRESET SUB TITLE VOLUME

VOLUME (+/-) — VOLUME (+/-)

ZOOM — ZOOM RETURN

SUBTITLE — SUBTITLE

RETURN — RETURN

ARROW — ARROW
For use in highlighting a selection on a GUI menu screen, TITLE and MENU screen.

ENTER — ENTER

MENU — DISPLAY

MENU Use the MENU button to display the menu screen included on DVD video discs.

DISPLAY — DISPLAY

SETUP — SETUP STOP PAUSE/STEP PLAY

STOP
PAUSE/STEP
PLAY

SLOW SCAN — SKIP/SCAN

SKIP/SCAN (|◄◄ / ►►|)
Press and hold button for about two seconds for search function.

TITLE — TITLE MARKER SEARCH ANGLE
Use the TITLE button to display the title screen included on DVD video discs.

ANGLE — ANGLE

SLOW SCAN (◄◄ / ►►)

SEARCH — SEARCH

MARKER — MARKER

Remote Control Operation Range

Point the remote control at the remote sensor and press the buttons.
- **Distance:** About 23 ft (7 m) from the front of the remote sensor
- **Angle:** About 30° in each direction in front of the remote sensor

Remote Control Battery Installation
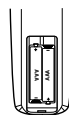
Remove the battery cover on the rear of the remote control, and insert two R03 (size AAA) batteries with ⊕ and ⊖ aligned correctly.

⚠ **Caution**
Do not mix old and new batteries. Never mix different types of batteries (standard, alkaline, etc.).

Rear Panel Connections

POWER CORD

SPEAKER Terminals

GROUND CABLE Jack

SUBWOOFER LINE OUT Jack

VIDEO 2 (Input) Jacks

VIDEO 1 (Input/Output) Jacks

OPTICAL IN Jack

OPTICAL OUT Jack

MONITOR OUT Jack

S-VIDEO OUT Jack

COMPONENTVIDEO OUT (Y Pb Pr) Jacks
Connect to a TV with Y Pb Pr inputs.

FM Antenna Terminals

AM Antenna Terminals

⚠
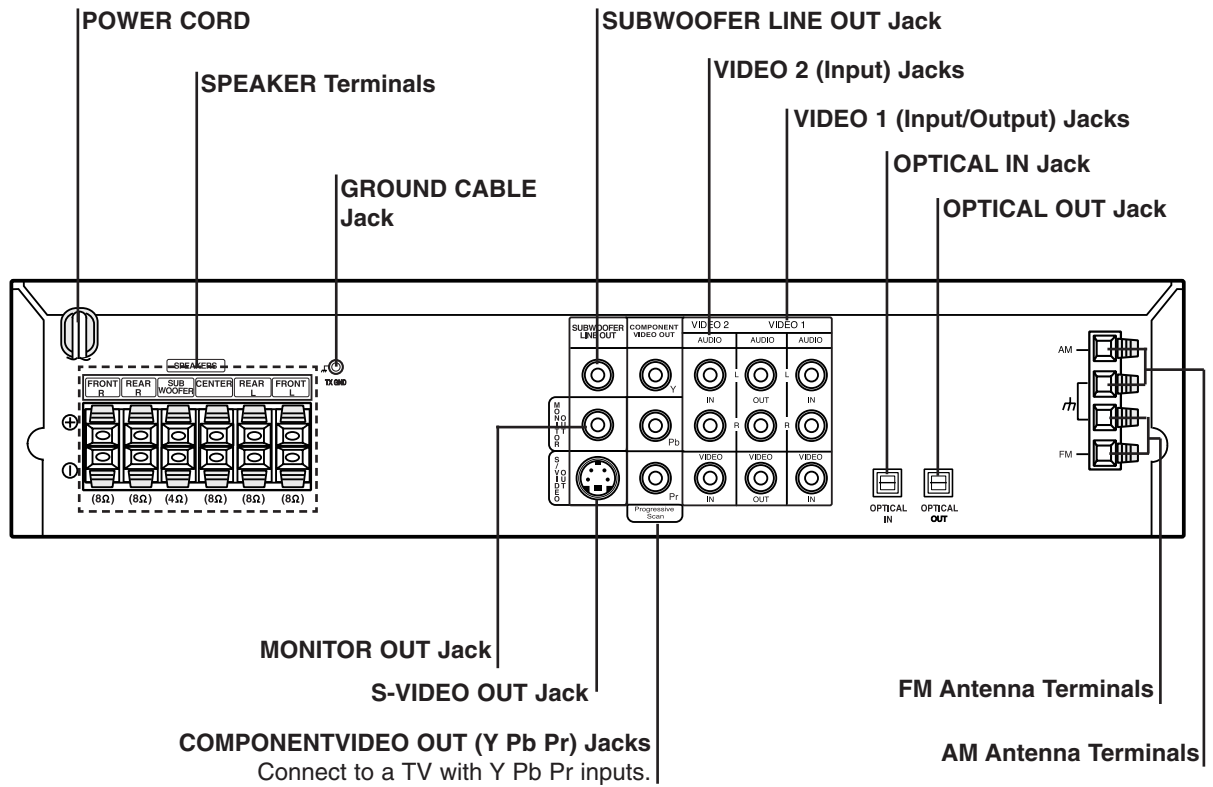
Do not touch the inner pins of the jacks on the rear panel. Electrostatic discharge may cause permanent damage to the unit.

TV Connections

- Make one of the following connections, depending on the capabilities of your existing equipment.

$\mathcal{T}$ips

- Depending on your TV and other equipment you wish to connect, there are various ways you could connect the DVD/CD receiver. Use one of the connections described below.
- Please refer to the manuals of your TV, VCR, Stereo System or other devices as necessary to make the best connections.

⚠ Caution

– Make sure the DVD/CD receiver is connected directly to the TV. Select the correct AV input on your TV.
– Do not connect your DVD/CD receiver to TV via your VCR. The DVD image could be distorted by the copy protection system.

Video connection

1 Connect the MONITOR OUT jack from the DVD Receiver to the video in jack on the TV using the video cable supplied **(V)**.

2 Connect the Left and Right AUDIO OUT jacks from the DVD/CD Receiver to the audio left/right in jacks on the TV **(A)** using the audio cables.

S-Video connection

1 Connect the S-VIDEO OUT jack from the DVD/CD receiver to the S-Video in jack on the TV using the S-Video cable **(S)**.

2 Connect the Left and Right AUDIO OUT jacks from the DVD/CD receiver to the audio left/right in jacks on the TV **(A)** using the audio cables.

Component Video (Color Stream®) connection

1 Connect the COMPONENT VIDEO OUT jacks from theDVD/CD receiver to the corresponding in jacks on the TV using an Y Pb Pr cable **(C)**.

2 Connect the Left and Right AUDIO OUT jacks from the DVD/CD receiver to the audio left/right in jacks on the TV **(A)** using the audio cables.

Progressive Scan (ColorStream® pro) connection

- If your television is a high-definition or "digital ready" television, you may take advantage of the DVD Player's progressive scan output for the highest video resolution possible.
- If your TV does not accept the Progressive Scan format, the picture will appear scrambled if you try Progressive Scan on the DVD/CD receiver.

1 Connect the COMPONENT VIDEO OUT jacks from the DVD/CD receiver to the corresponding in jacks on the TV using an optional Y Pb Pr cable **(C)**.

2 Connect the Left and Right AUDIO OUT jacks from the DVD/CD receiver to the audio left/right in jacks on the TV **(A)** using the supplied audio cables.

$\mathcal{N}$ote

– Set the Progressive to "On" on the Setup menu for progressive signal, see page 20.

Rear of TV

Rear of DVD/CD receiver
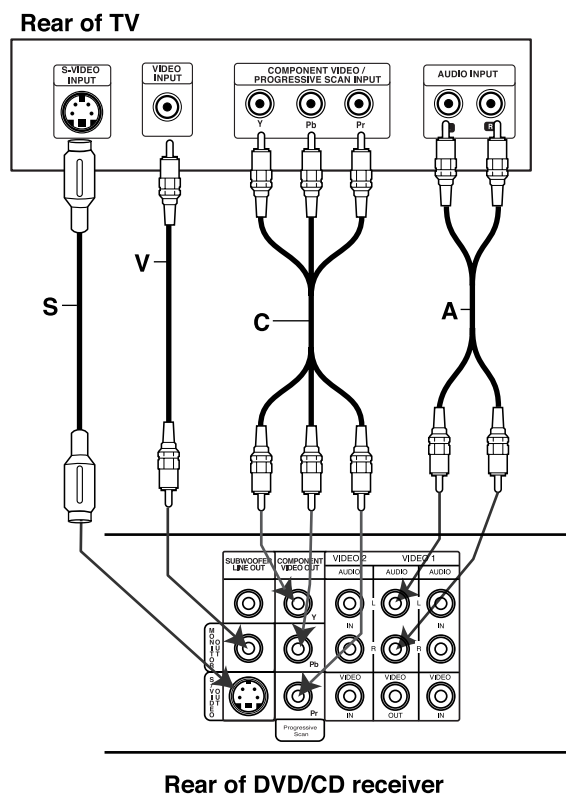
Optional Equipment Connections

1 Connect a VCR to the VIDEO 1 jacks.

2 Connect an additional VCR to the VIDEO 2 jacks.

3 Connect the optical output from a DVD Player (or Digital Device etc) to the OPTICAL IN jack.

4 Connect an optical input from a DVD Player (or Digital Device etc) to the OPTICAL OUT jack.

Additional VCR

VCR

To AUDIO/VIDEO OUT

To AUDIO/VIDEO IN

To AUDIO/VIDEO OUT

To AUDIO/VIDEO IN (VIDEO 2)

To AUDIO/VIDEO OUT (VIDEO 1)

To AUDIO/VIDEO IN (VIDEO 1)

DVD Player (or Digital Device, etc)
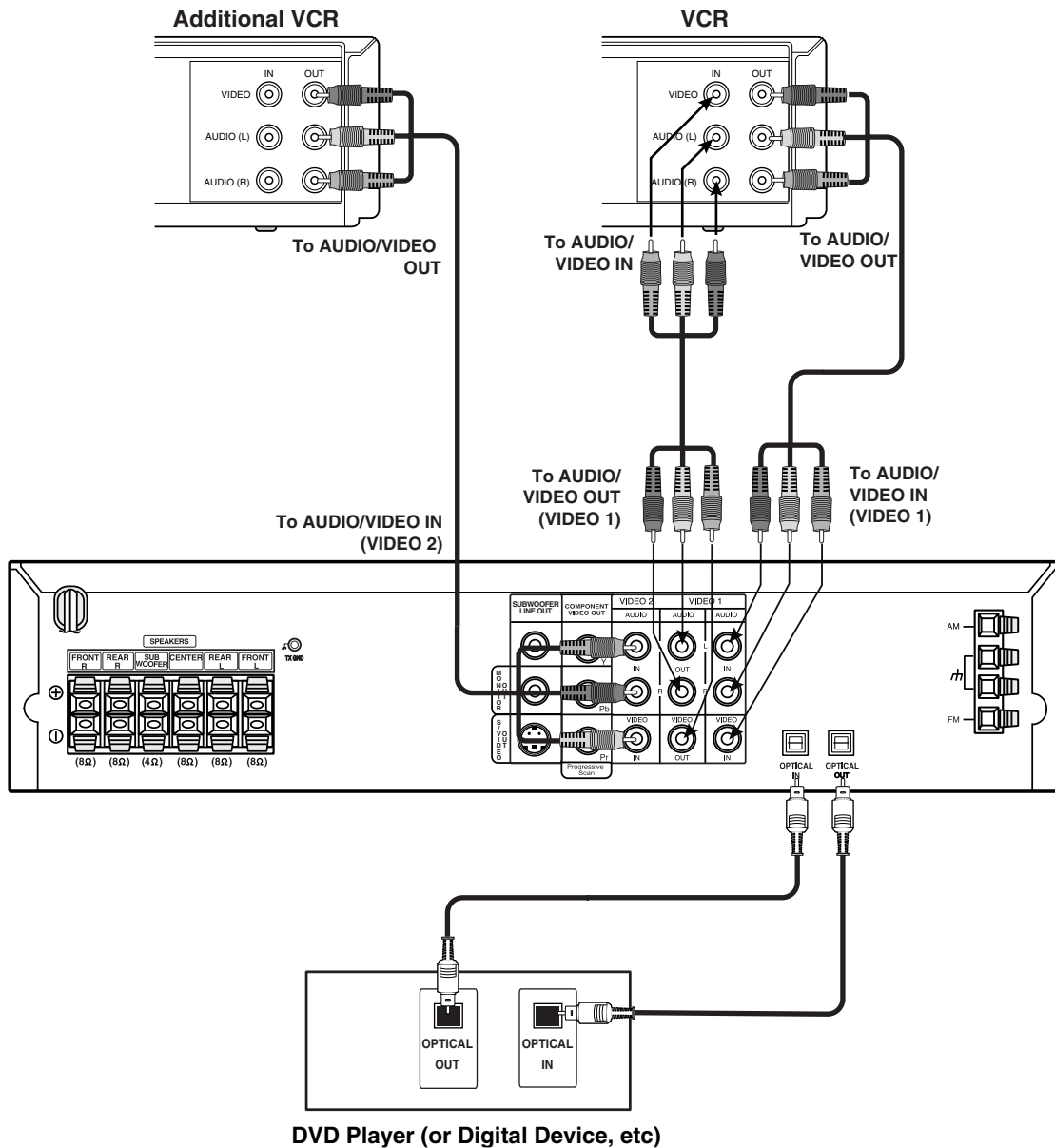
Note
● If the audio format of the digital output does not match the capabilities of your DVD/CD receiver, the receiver will produce a strong, distorted sound or no sound at all.

Connections

AM-FM Antenna Connections

Connect the supplied FM/AM antennas for listening to the radio.
- Connect the AM loop antenna to the AM antenna terminals.
- Connect he FM wire antenna to the FM antenna terminals.

AM Loop Antenna (supplied)

FM Wire Antenna (supplied)
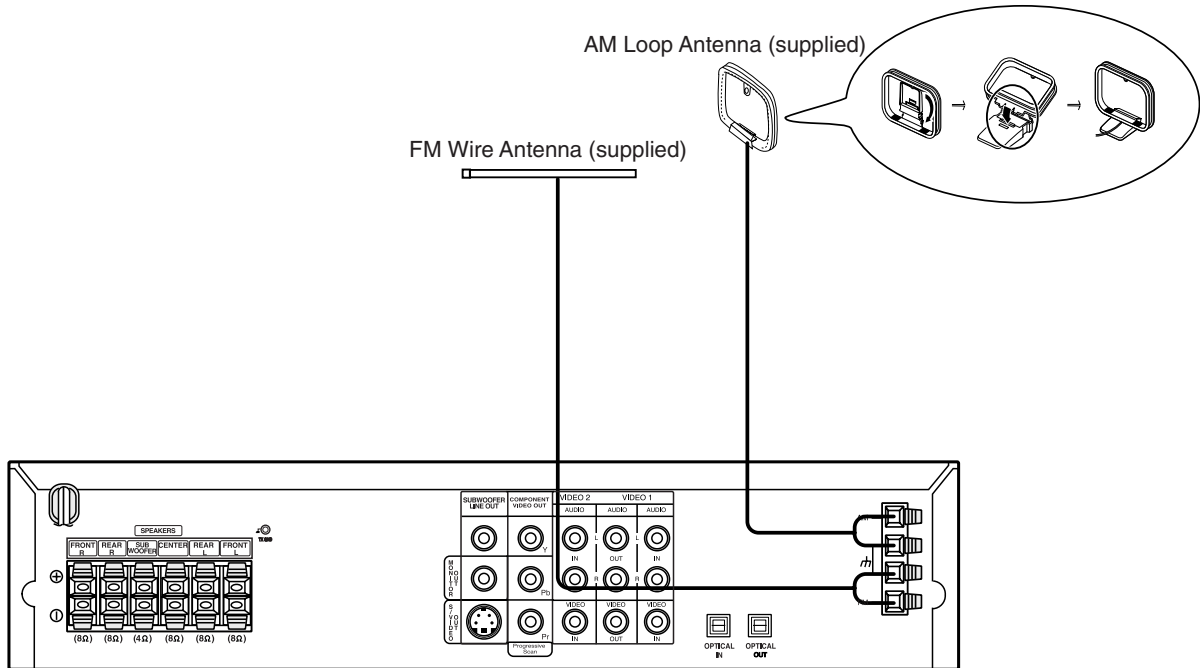
N otes

- To prevent noise pickup, keep the AM loop antenna away from the DVD/CD receiver and other components.
- Be sure to fully extend the FM wire antenna.
- After connecting the FM wire antenna, keep it as horizontal as possible.

Assembling the Front Speaker

- The front speakers are detached from the speaker stands.
- Connect the speaker cords and assemble the front speakers to the speaker stands as illustrated.

How to connect the front speakers

When you do not use the stand
Connect the speaker cords to the appropriate terminals on the bottom face of each front and rear speaker.

When you use the stand
After connecting the speaker cords to the appropriate terminals on the bottom face of each front and rear speaker, attach the front and rear speakers to the upper speaker stands.
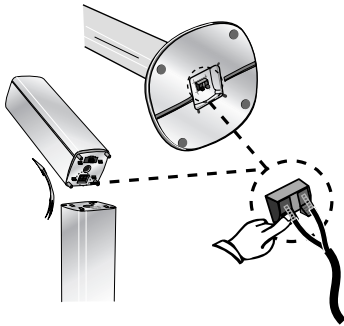
To attach the front speaker to the stand
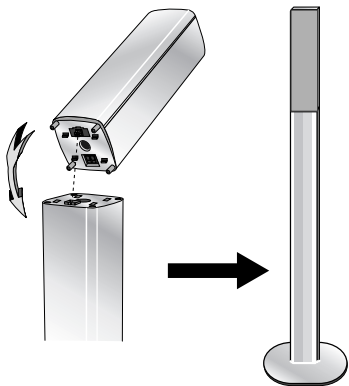
To detach the front speaker from the stand
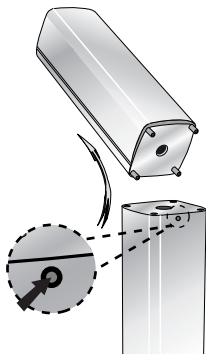
Push a pointed object such as ball point pen through the hole and tilt the speaker as illustrated.

Assembling the Wireless Speaker

To attach the wireless speaker to the stand

Connect the speaker to the stand using the screwdriver and screw, as illustrated.
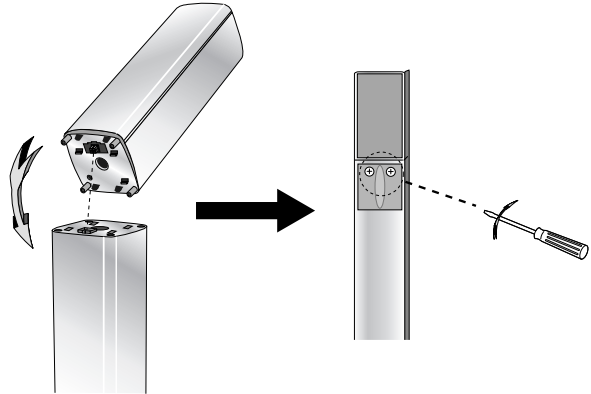
To detach the wireless speaker from` the stand

Reverse the operations described in "To attach the wireless speaker to the stand".

Setting the Wireless Speaker Channel

If there is a similar wireless speaker product nearby, interference may occur. In this case, change the channel switch to a different channel, and turn off the power, then turn on again.

By using the Channel Switch, set to the same channel.

Channel Switch

CHANNEL
1 2 3

Rear of Transmitter

Left/Right Wireless Speaker
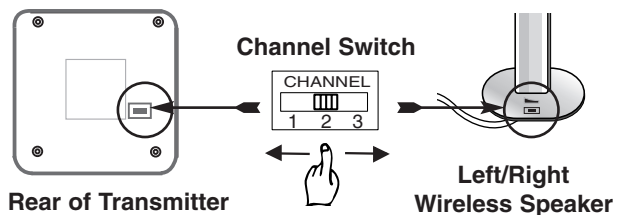
Notes

In order to operate the unit properly, both Left and Right Wireless Speakers must be turned on.
Sound may be interrupted due to the effect of external radio waves.

Speaker System Connection

● Connect the speakers to the front (right, left) or center speaker connectors.
● Connect the subwoofer to the woofer connector.
● Connect the power cord of the wireless speaker to the outlet, then press the power button on the wireless speaker.
● Connect the adaptor (DC 7V) to the outlet and transmitter.
● Connect the ground cable to the transmitter and rear (right, left) speaker connectors.
● Set the distance between this unit and wireless speaker (right, left) within 10m.

Front Speaker (Right)
FE-6100TE

Front Speaker (Left)
FE-6100TE

Center Speaker
FE-6100CVE

Wireless Speaker (Right)
FA-W6100SR

Be sure to connect the ground cable to the ground cable connector of this unit by using the supplied hand screw. If this is not connected, the transmitter will not function.

Transmitter
ACC-W6100

Subwoofer
FE-6100WE

Wireless Speaker (Left)
FA-W6100SL

Adaptor (DC 7V)

📝 Notes

● It takes about five seconds (and may take longer) for the transmitter and wireless speaker (left, right) to communicate with each other.
● When the unit is turned off, the transmitter is also turned off automatically.
● If either wireless speaker (left. right) is turned off, the wireless speaker will not function.

Speaker System Connection (Cont'd)

- Connect the speakers using the supplied speaker cords.
- To obtain the best possible surround sound, adjust the speaker parameters; volume, distance, etc.

**Front Speaker (Right)
FE-6100TE**

**Front Speaker (Left)
FE-6100TE**

If you feel a lack of bass frequency
Connect an active subwoofer to the WOOFER OUT connector using a monaural audio cord (not supplied). When you connect an active subwoofer, disconnect the woofer from the WOOFER speaker connector.

**Center Speaker
FE-6100CVE**

Active Subwoofer
(Not supplied)

**Subwoofer
FE-6100WE**

Red — Black

**Wireless Speaker (Left)
FA-W6100SL**

**Wireless Speaker (Right)
FA-W6100SR**

If you connect the wireless speakers using speaker cords, be sure to match the speaker cord to the appropriate terminal on the components: + to + and – to –. If the cords are reversed, the sound will be distorted and lack bass.

Note
- If you use front speakers with low maximum input rating, adjust the volume carefully to avoid excessive output on the speakers.

Speaker Placement

For a normal set up use 6 speakers (2 front speakers, center speaker, 2 rear speakers and subwoofer).
If you want to hear excellent bass sound, DTS digital surround or Dolby Digital surround, you should connect a subwoofer.

- **Front Speakers**
  Set up the speakers at an equal distance apart and ideally at an angle of 45 degrees from your listening position.
- **Center Speaker**
  It is ideal if the center speaker and front speakers are at the same height. But normally place the center speaker above or below the television as shown below.
- **Rear Speakers**
  Place left and right behind the listening area. These speakers recreate sound motion and atmosphere required for surround sound playback. For best results, do not install the rear speakers too far behind the listening position and install them at or above the level of the listener's ears. It is also effective to direct the rear speakers towards a wall or ceiling to further disperse the sound.
  In the case of a smaller room size, if the audience is near to the rear wall, set the rear speakers opposite each other, and set the rear speakers above 23.5 - 35.5 inches than the listener's ears.
- **Subwoofer**
  This can be placed in any front position.
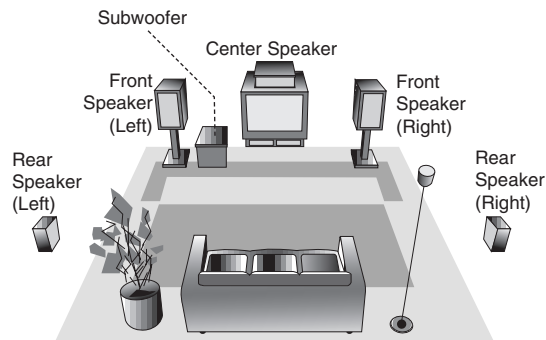
Speaker Placement Example

Mini Glossary for Audio Stream & Surround mode

dts

Allows you to enjoy 5.1(or 6) discrete channels of high-quality digital audio from DTS program sources such as discs, DVD and compact discs, etc. bearing the trademark. DTS Digital Surround delivers up to 6 channels of transparent audio (which means identical to the original masters) and results in exceptional clarity throughout a true 360 degree sound field. The term DTS is a trademark of DTS Technology, LLC. Manufactured under license from DTS Technology, LLC.

DIGITAL

The Dolby Digital surround format lets you enjoy up to 5.1 channels of digital surround sound from a Dolby Digital program source. If you play DVDs with " DOLBY DIGITAL " mark, you can enjoy even better sound quality, greater spatial accuracy, and improved dynamic range.

PRO LOGIC

Use this mode when playing movie or Dolby Digital 2 channel which carries the " DOLBY SURROUND " mark. This mode provides the effect of being in a movie theater or live concert house - an effect with an intensity which can only be obtained through DOLBY PRO LOGIC SURROUND. The effect of the front/back/left/right movement of the sound image, as well as the sense of fixed position in the sound image, is much clearer and more dynamic than before.

PRO LOGIC (II)

Dolby Pro Logic II creates five full-bandwidth output channels from two-channel sources. This is done using an advanced, high-purity matrix surround decoder that extracts the spatial properties of the original recording without adding any new sounds or tonal colorations.

MOVIE Mode:
The Movie mode is for use with stereo television shows and all programs encoded in Dolby Surround. The result is enhanced soundfield directionality that approaches the quality of discrete 5.1-channel sound.

MUSIC Mode:
The Music mode is for use with any stereo music recordings.

MATRIX Mode:
The Matrix mode is the same as the Music mode except that the directional enhancement logic is turned off. It may be used to enhance mono signals by making them seem "larger." The Matrix mode may also find use in auto systems, where the fluctuations from poor FM stereo reception can otherwise cause disturbing surround signals from a logic decoder. The ultimate "cure" for poor FM stereo reception may be simply to force the audio to mono.

3D SURROUND

This unit can produce a 3D Surround effect, using 3D Surround Sound technology, which simulates multi-channel audio playback from two conventional stereo speakers instead of the five or more speakers normally required to listen to multi-channel audio from a home theatre. This feature works with DVD discs encoded with Dolby Pro Logic and Dolby Digital audio tracks.

BYPASS

Software with multichannel surround audio signals is played according to the way it was recorded.

Sound Mode

You can enjoy surround sound simply by selecting one of the pre-programmed sound fields according to the program you want to listen to.

A) Using the SOUND MODE button

Each time you press the **SOUND MODE** button, the sound mode changes in the following order;

PRO LOGIC → PLⅡ MOVIE → PLⅡ MUSIC → PLⅡ MATRIX → ROCK → POP → LIVE → DANCE → TECHNO → CLASSIC → SOFT → 3D SURROUND → BYPASS ...

𝒯ips
- ROCK: Reproduces the acoustics of rock music.
- POP: Reproduces the acoustics of pop music.
- LIVE: Reproduces the acoustics of a live concert.
- DANCE: Reproduces the acoustics of dance music.
- TECHNO: Reproduces the acoustics of techno music.
- CLASSIC: Reproduces the acoustics of orchestral music.
- SOFT: Ideal for soft acoustic sounds.

B) Using the PLⅡ button

Each time you press the PLⅡ button, the sound mode changes in the following order;

PRO LOGIC → PLⅡ MOVIE → PLⅡ MUSIC → PLⅡ MATRIX → BYPASS ...
(This function is availabe for 2-channel mode only)

When a DVD is inserted.

You can change the sound mode of DVD (Dolby Digital, DTS, PRO LOGIC, etc.) by pressing the **AUDIO** button repeatedly on the remote during playback.
Although the DVD contents differ from disc -to-disc, the following explains the basic operation when this feature is used.

Each time you press **AUDIO** button, the sound mode of DVD is changed in the following order;

DIGITAL → dts → PCM → DIGITAL

For your reference
- **The DVD/CD Receiver memorizes the last mode settings for each source individually.**
- **You can identify the encoding format of program software by looking at its packaging.**
  - Dolby Digital discs are labeled with the DOLBY DIGITAL logo.
  - Dolby Surround encoded programs are labeled with the DOLBY SURROUND logo.
  - DTS Digital Surround discs are marked with DTS.

𝒩otes
- When you play sound tracks with 96kHz sampling frequency, the output signals will be converted to 48kHz (sampling frequency).
- Sound Mode is not functional if headphones are used.

DVD/CD Receiver Overview

This manual gives basic instructions for operating the DVD/CD receiver. Some DVDs require specific operation or allow only limited operation during playback. When this occurs, the symbol ⊘ appears on the TV screen, indicating that the operation is not permitted by the DVD/CD receiver or is not available on the disc.

On-Screen Displays

General playback status can be displayed on the TV screen. Some menu options can be changed on the menu.

On-screen display operation

1 **Press DISPLAY during playback.**

2 **Use ▲/▼ to select a menu option.**
The selected option will be highlighted.

3 **Use ◄► to change the setting of a option.**
The number buttons can be also be used for setting numbers (e.g., title number). For some functions, press ENTER to execute the setting.

Playback Status Displays

TITLE	Repeat Title
CHAPT	Repeat Chapter
GROUP	Repeat Group (DVD audio discs only)
A B	Repeat A-B
OFF	Repeat Off
▮▮▮	Resume play from this point
⊘	Action prohibited or not available

𝒩otes
● Some discs may not provide all of the features on the on-screen display example shown below.
● If no button is pressed for 10 seconds, the on-screen display disappears.

DVD-V

Menu Options		Function (Use ▲/▼ to select desired option)	Selection Method
Title Number	1 /3	**Shows the current title number and total number of titles, and** skips to the desired title number.	◄ / ►, or Numbers, ENTER
Chapter Number	1 /12	**Shows the current chapter number and total number of chapters, and** skips to the desired chapter number.	◄ / ►, or Numbers, ENTER, SKIP
Time search	0:20:09	**Shows the elapsed playing time, and** searches the point directly from the elapsed time.	Numbers, ENTER
Audio language and Digital Audio Output mode	1 ENG ⅅⅅD 5.1 CH	**Shows the current audio soundtrack language, encoding method, and channel number, and** changes the setting.	◄ / ►, or AUDIO
Subtitle language	OFF	**Shows the current subtitles language, and** changes the setting.	◄ / ►, or SUBTITLE
Angle	1 /1	**Shows the current angle number and total number of angles, and** changes the angle number.	◄ / ►, or ANGLE
Sound	BYPASS	**Shows the current sound mode, and** changes the setting.	◄ / ►, or SOUND MODE

On-Screen Displays (Continued)

DVD-A

Menu Options		Function (Use ▲/▼ to select desired option)	Selection Method
Group Number	2 /6	**Shows the current group number and total number of groups, and** skips to the desired group number.	◀ / ▶, or Numbers, ENTER
Track Number	1 /12	**Shows the current track number and total number of tracks, and** skips to the desired track number.	◀ / ▶, or Numbers, ENTER
Time search	0:10:15	**Shows the elapsed playing time.(Display only)**	–
DVD Audio Output mode	1 PCM 5 CH	**Shows the current encoding method, and channel number, and** changes the setting.	◀ / ▶, or AUDIO
Subtitle language	ABC OFF	**Shows the current subtitles language, and** changes the setting.	◀ / ▶, or SUBTITLE
Page (or Angle)	1 /12 or 1 /1	**Shows the current page (or angle) number and total number of pages (or angle), and** changes the page (or angle) number.	◀ / ▶, or ANGLE

Initial Setup

You can set your own Personal Preferences on the DVD/CD receiver.

Initial Setup and Operation Overview

1 **Press SETUP.**
The Setup menu appears.

Disc Audio	√Original
Disc Subtitle	English
Disc Menu	French
Rating	German
Country Code	Spanish
TV Aspect	Italian
Menu Language	Chinese
Progressive Scan	Polish
	Hungarian
5.1 Speaker Setup	Other – – – –
Others	

2 **Use ▲/▼ to select the menu option.**
The screen will show the current setting for the selected menu option, as well as alternate setting(s).

3 **While the menu option is selected, press ▶, then ▲/▼ to select the desired setting.**

4 **Press ENTER to confirm your selection.**
Some menu option require additional steps.

5 **Press SETUP, RETURN, or PLAY to move the Setup menu.**

Language

Disc Language DVD-V   DVD-A

Select a language for the disc's Menu, Audio, and Subtitle.
Original : The original language set for the disc is selected.
Other : To select another language, use the number buttons to enter the corresponding 4-digit number according to the language code list on page 34. If you enter the wrong language code, press CLEAR.

Disc Audio	√Original
Disc Subtitle	English
Disc Menu	French
Rating	German
Country Code	Spanish
TV Aspect	Italian
Menu Language	Chinese
Progressive Scan	Polish
	Hungarian
5.1 Speaker Setup	Other – – – –
Others	

Menu Language

Select a language for the Setup menu. This is the menu you see when you press SETUP.

Disc Audio	√English
Disc Subtitle	Spanish
Disc Menu	French
Rating	
Country Code	
TV Aspect	
Menu Language	
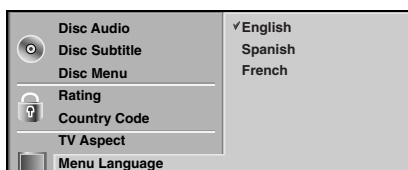
Picture

TV Aspect DVD-V   DVD-A

4:3 Letterbox: Select when a standard 4:3 TV is connected. Displays theatrical images with masking bars above and below the picture.
4:3 Panscan: Select when a conventional TV set is connected. The video material formatted in the Pan & Scan style is played back in that style (Both sides of the picture are cut off).
16:9 Wide: Select when a 16:9 wide TV is connected.

Disc Audio	4:3 Letterbox
Disc Subtitle	4:3 Panscan
Disc Menu	√16:9 Wide
Rating	
Country Code	
TV Aspect	
Menu Language	
Progressive Scan	
5.1 Speaker Setup	
Others	
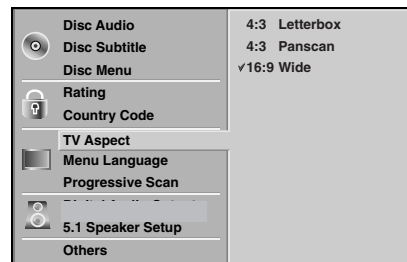
Progressive Scan DVD-V   DVD-A

Progressive Scan Video provides the highest quality pictures with less flickering.
If you are using the COMPONENT VIDEO OUT/ PROGRESSIVE SCAN jacks, but are connecting the DVD/CD receiver to a standard (analog) television, set Progressive Scan to Off.
If you are using the Component Video jacks for connection to a TV or monitor that is compatible with a progressive scan signal, set Progressive Scan to On.

Disc Audio	√Off
Disc Subtitle	On
Disc Menu	
Rating	
Country Code	
TV Aspect	
Menu Language	
Progressive Scan	
5.1 Speaker Setup	
Others	
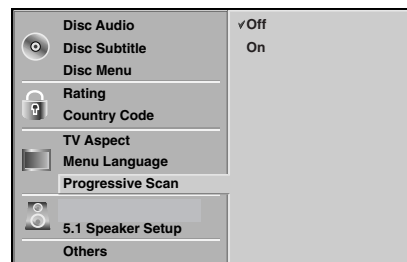
⚠**Caution**
Once the setting for progressive scan output is entered, an image will only be visible on a progressive scan compatible TV or monitor. If you set Progressive Scan to On in error, you must reset the unit. Press STOP to stop any disc that is playing. Next, press STOP again and hold it for five seconds before releasing it. The video output will be restored to the standard setting, and a picture will once again be visible on a conventional analog TV or monitor.

Pre-Operation (Continued)

Speaker Setup

5.1 Speaker settings DVD-V   DVD-A

Select speaker settings, including volume balance and delay time, or test the speaker settings.
Speaker settings are only active on the Analog Multi-Channel Output. (See "Speaker Setup", on page 31.)

```
Disc Audio
Disc Subtitle
Disc Menu                R        R
Rating
Country Code      Front L
                  Volume      0 dB
TV Aspect         Size        Small
Menu Language     Distance    1 ft
Progressive Scan  Test
                  Return
5.1 Speaker Setup
Others
```
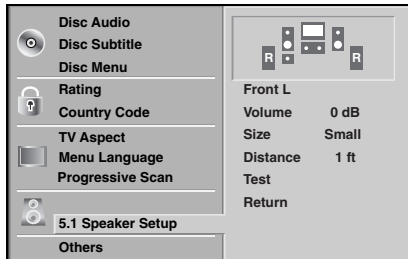
Others

DRC, Vocal and Auto Play settings are adjustable.
● Use ▲/▼ to select the desired menu option and press ENTER. The setting of the selected menu option is switched between On and Off.

```
Disc Audio        DRC         On
Disc Subtitle     Vocal       On
Disc Menu         Auto Play   Off
Rating
Country Code
TV Aspect
Menu Language
Progressive Scan

5.1 Speaker Setup
Others
```
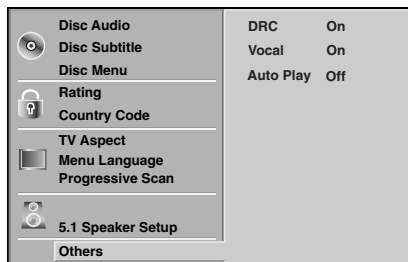
Dynamic Range Control (DRC)

With the DVD format, you can hear a program's sound-track in the most accurate and realistic presentation possible, thanks to digital audio technology. However, you may wish to compress the dynamic range of the audio output (the difference between the loudest sounds and the quietest ones). Then, you may listen to a movie at a lower volume without losing clarity of sound. Set DRC to On for this effect.

Vocal

Set Vocal to On only when a multi-channel karaoke DVD is playing. The karaoke channels on the disc will mix into normal stereo sound.

Auto Play DVD-V   DVD-A

You can set up the DVD/CD receiver so a DVD disc automatically starts playing whenever a DVD is inserted.
If Auto Play mode is set to On, this DVD/CD receiver will search a title that playback time is longest and then play back the title automatically.
On: Auto Play function is active.
Off: Auto Play function is not active.

𝒩 ote
The Auto Play function may not work for some DVDs.

21

Parental Control

Rating `DVD-V`

Movies on DVDs may contain scenes not suitable for children. Therefore, discs may contain Parental Control information that applies to the complete disc or to certain scenes on the disc. These scenes are rated from 1 to 8, and alternatively, more suitable scenes are available for selection on some discs. Ratings are country-dependent. The Parental Control feature allows you to prevent discs from being played by your children or to have certain discs played with alternative scenes.

Disc Audio	8
Disc Subtitle	7
Disc Menu	6
Rating	5
Country Code	4
TV Aspect	3
Menu Language	2
Progressive Scan	1
	✓Unlock
5.1 Speaker Setup	Change
Others	
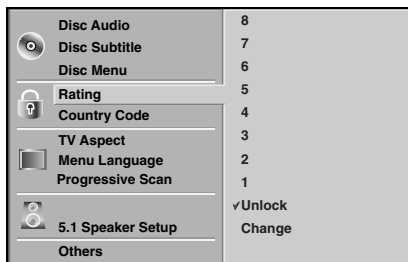
1 Select "Rating" on the Setup menu using the ▲/▼ buttons.

2 While "Rating" is selected, press ▶.

3 **When you have not entered a password.**
Enter a 4-digit password using the number buttons to create a personal 4-digit security password. then press ENTER. Enter the 4-digit password again and press ENTER to verify.
When you have already registered a password;
Enter a 4-digit password using the numbered buttons to confirm the personal 4-digit security password, then press ENTER.

If you make a mistake before pressing ENTER, press CLEAR and enter 4-digit security password again.

4 Select a rating from 1 to 8 using the ▲/▼ buttons. One (1) has the least playback restrictions. Eight (8) has the most playback restrictions.
Unlock: If you select Unlock, Parental Control is not active. The disc will play in full.
Ratings 1 to 8: Some discs contain scenes not suitable for children. If you set a rating for the player, all disc scenes with the same rating or lower will be played. Higher rated scenes will not be played unless an alternative scene is available on the disc. The alternative must have the same rating or a lower one. If no suitable alternative is found, playback will stop. You must enter the 4-digit password or change the rating level in order to play the disc.

5 Press ENTER to confirm your rating selection, then press SETUP to exit the menu.

𝒩ote
This function may not work for some DVDs.

Country Code `DVD-V`

Enter the code of a country/area whose standards were used to rate the DVD video disc, referring to the list (See "Country Code List", page 35.).

Disc Audio	Code Set
Disc Subtitle	C A
Disc Menu	
Rating	
Country Code	
TV Aspect	
Menu Language	
Progressive Scan	
5.1 Speaker Setup	
Others	
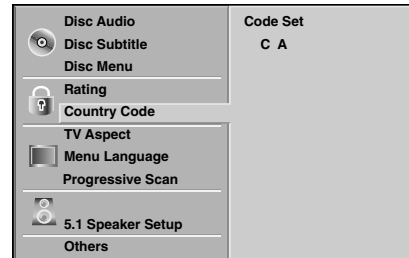
1 Select Country Code using the ▲/▼ buttons on the Setup menu.

2 While Country Code is selected, press ▶.

3 Follow step 3 of "Rating" on left.

4 Select the first character using the ▲/▼ buttons.

5 Shift the cursor using ▶ button and select the second character using ▲/▼ buttons.

6 Press ENTER to confirm your Country Code selection, then press SETUP to exit the menu.

𝒩ote
Confirmation of the 4-digit password is necessary when the code is changed (see "Changing the 4-digit code" below.).

Changing the 4-digit code

1 Follow Steps 1-2 as shown above to the left (Rating).
2 Enter the old code, then press ENTER.
3 Select Change using ▲/▼ buttons then press ENTER.
4 Enter the new 4-digit code, then press ENTER.
5 Enter exactly the same code a second time and verify by pressing ENTER.
6 Press SETUP to exit the menu.

If you forget your 4-digit code

If you forgot your password, to clear the current password, follow the procedure below.

1 Press SETUP to display the Setup menu.
2 Use the Number buttons to enter the 6-digit number "210499".
The 4-digit password is cleared.
3 Enter a new code as shown above to the left (Rating).

DVD Playback

𝒯 Playback Setup DVD-V DVD-A

- Turn on the TV and select the video input source connected to the DVD/CD receiver.
- Audio system: Turn on the audio system and select the input source connected to the DVD/CD receiver.

1 Press OPEN/CLOSE to open the disc tray.

2 Load your chosen disc in the tray, with the playback side facing down.

3 Press OPEN/CLOSE to close the tray.
READING appears on the TV screen, and playback starts automatically. If playback does not start, press PLAY.
In some cases, the disc menu might appear instead.

𝒯 If a menu screen is displayed
The menu screen may be displayed first after loading a DVD which offers a menu.

DVD-V

Use the ◄ ►▲▼ buttons to select the title/chapter you want to view, then press ENTER to start playback.
Press TITLE or MENU to return to menu display.

DVD-A

Use the ◄ ► ▲ ▼ buttons to select an option you want, then press ENTER to view the option.

𝒩 otes
– If Parental Control is set and the disc is not within the Rating settings (not authorized), the 4-digit code must be entered and/or the disc must be authorized (see "Parental Control", on page 22).
– DVDs may have a regional code.
Your receiver will not play discs that have a regional code different from your receiver. The regional code for this receiver is 1 (one).

General Features

𝒩 ote
Unless stated otherwise, all operations described use the remote control. Some features may also be available on the Setup menu.

TITLE /GROUP Selection

DVD-V DVD-A ⊙ 1 /3   🎵 1/6

When a disc has more than one title/group, you can move to another title as follows:
- Press DISPLAY, then use the appropriate number button (0-9) to select a title/group number.

CHAPTER/TRACK Selection DVD-V

DVD-A

🎞 1 /12   ⊙ 1 /3

When a title on a disc has more than one chapter or a disc has more than one track, you can move to another chapter/track as follows:
- Press SKIP/SCAN I◄◄ or ►►I briefly during playback to select the next chapter/track or to return to the beginning of the current chapter/track.
- Press I◄◄ twice briefly to step back to the previous chapter/group/track.
- To go directly to any chapter during DVD playback, press DISPLAY. Then, press ▲/▼ to select the chapter/group/track icon. Then, enter the chapter/track number using the numbered buttons (0-9).

𝒩 ote
For two-digit numbers, press the numbered buttons (0-9)in rapid succession.

Search DVD-V
1 Press and hold SKIP/SCAN I◄◄ or ►►I for about two seconds during playback.
The receiver will now go into SEARCH mode.
2 Press and hold SKIP/SCAN I◄◄ or ►►I repeatedly to select the required speed: ◄◄X2, ◄◄X4, ◄◄X16, ◄◄X100 (backward) or ►►X2, ►►X4, ►►X16, ►►X100 (forward).
3 To return to normal play, press PLAY.

𝒩 ote
When using a DVD audio disc that includes pictures, this operation may be permitted in some picture segments.

Pause DVD-V
1 Press PAUSE/STEP during playback.
2 To return to playback, press PLAY.

OPERATION

General Features (continued)

Still Picture and Frame-by-Frame playback

DVD-V

1. Press PAUSE/STEP during playback.
   The DVD/CD receiver will now go into PAUSE mode.
2. You can advance the picture frame-by-frame by pressing PAUSE/STEP repeatedly on the remote control.
3. To return to normal playback, press PLAY.

𝒩 ote
If playing a DVD audio disc that includes pictures, this operation may be permitted for some picture segments.

Slow Motion DVD-V

1. Press SLOW SCAN ◀I or I▶ during playback.
   The receiver will enter SLOW mode.
2. Use the SLOW SCAN ◀I or I▶ to select the required speed: ◀I 1/16, ◀I 1/8, ◀I 1/4 or ◀I 1/2 (backward), or
   I▶ 1/16, I▶ 1/8, I▶ 1/4 or I▶ 1/2 (forward).
3. To exit slow motion mode, press PLAY

Repeat A-B DVD-V

A *   A B   OFF
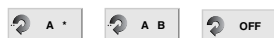
To repeat a sequence in a title or group:

1. Press REPEAT A-B at your chosen starting point.
   " A * " appears briefly on the TV screen.
2. Press REPEAT A-B again at your chosen ending point.
   "A B" appears briefly on the TV screen, and the repeat sequence begins ("A⊂⊃B" appears the display window).
3. To cancel the sequence, press REPEAT A-B.

Repeat DVD-V

CHAPT   TITLE   OFF

DVD Video Discs - Repeat Chapter/Title/Off

1. To repeat the currently playing chapter, press REPEAT.
   The Repeat Chapter icon appears on the TV screen.
2. To repeat the title currently playing, press REPEAT a second time.
   The Repeat Title icon appears on the TV screen.
3. To exit Repeat mode, press REPEAT a third time.
   The Repeat Off icon appears on the TV screen.

DVD Audio Discs - Repeat Track/Group/Off

1. To repeat the currently playing track, press REPEAT.
   The Repeat Track icon appears on the TV screen.
2. To repeat the group currently playing, press REPEAT a second time.
   The Repeat Group icon appears on the TV screen.
3. To exit Repeat mode, press REPEAT a third time.
   The Repeat Off icon appears on the TV screen.

Time Search DVD-V   0:20:09   -:--:--
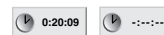
The Time Search function allows you to start playing at any chosen time on the disc.

1. Press DISPLAY during playback. The on-screen display appears on the screen.
   The Time Search box shows the elapsed playing time of the current disc.
2. Within 10 seconds, use ▲/▼ to select the Time Search icon in the on-screen display.
   The "-:--:--" appears in the Time Search box.
3. Within 10 seconds, use the number buttons to enter the required start time. Enter hours, minutes, and seconds from left to right in the box.
   If you enter the wrong numbers, press CLEAR to remove the numbers you entered. Then enter the correct numbers.
4. Within 10 seconds, press ENTER to confirm the start time.
   Playback starts from the selected time on the disc. If you enter an invalid time, playback will continue from the current point.

General Features (continued)

3D Surround DVD-V   BYPASS   3D SUR

This unit can produce a 3D Surround effect, which simulates multi-channel audio playback from two conventional stereo speakers, instead of the five or more speakers normally required to listen to multi-channel audio from a home theater system.

1. Press SOUND MODE to select "3D SUR" during play-back.

2. To turn off the 3D Surround effect, press SOUND MODE again to select "BYPASS".

Zoom DVD-V

The Zoom function allows you to enlarge the video image and to move through the enlarged image.

1. Press ZOOM during playback or still playback to activate the Zoom function.
   If you press ZOOM repeatedly, the magnification level increases up to six steps.

2. Use the ◀ ▶▲▼ buttons to move through the zoomed picture.

3. Press CLEAR to resume normal playback or return to the paused image.

N ote

● The zoom function may not work on some DVDs.

Marker Search DVD-V

🔖 1/9   🔖 MARKER SEARCH ◀ - - - - - - - - ▶

You can start playback from a memorized point. Up to nine points can be memorized.
To enter a mark, follow these steps.

1. During disc playback, press MARKER when playback reaches the spot that you want to memorize.
   The Marker icon will appear on the TV screen briefly.

2. Repeat Step 1 to enter up to nine Marker points on a disc.

To Recall Marked Scenes

1. During disc playback, press SEARCH.
   The MARKER SEARCH menu will appear on the screen.

2. Within 10 seconds, use ◀/▶ to select the Marker number that you want to recall.

3. Press ENTER.
   Playback will start from the Marked scene.

4. To remove the MARKER SEARCH menu, press SEARCH.

To Clear a Marked Scene

1. During disc playback, press SEARCH.
   The MARKER SEARCH menu will appear on the screen.

2. Use ◀/▶ to select the Marker number that you want to erase.

3. Press CLEAR.
   The Marker number will be erased from the list.

4. Repeat steps 2 and 3 to erase additional Marker numbers.

5. To remove the MARKER SEARCH menu, press SEARCH.

Special DVD Features DVD-V

Checking the contents of DVD Video discs: Menus

DVDs may offer menus that allow you to access special features. To use the disc menu, press MENU. Then, press the appropriate number button to select an option. Or, use the ◀ ▶▲▼ buttons to highlight your selection, then press ENTER.

Title Menu DVD-V

1. Press TITLE.
   If the current title has a menu, the menu will appear on the screen. Otherwise, the disc menu may appear.

2. The menu can list camera angles, spoken language and subtitle options, and chapters for the title.

3. To remove the title menu, press TITLE again.

Disc Menu DVD-V

1. Press MENU.
   The disc menu is displayed.

2. To remove the disc menu, press MENU again.

Camera Angle DVD-V   🎥 1/1

If the disc contains scenes recorded at different camera angles, you can change to a different camera angle during playback.

● Press ANGLE repeatedly during playback to select a desired angle.
   The number of the current angle appears on the display.

Changing the Audio Language
DVD-V DVD-A   🔊 1 ENG ᴅᴏᴅ 5.1 CH   🔊 1 PPCM 5 CH

Press AUDIO repeatedly during playback to hear a different audio language or audio track.

Changing the Audio Channel

Press AUDIO repeatedly during playback to hear a different audio channel (STER., LEFT or RIGHT).

Subtitles DVD-V DVD-A   🔳 1 ENG

Press SUBTITLE repeatedly during playback to see the different subtitle languages available.

N ote

If ⊘ appears, the feature is not available on the disc.

DVD Audio Discs DVD-A

DVD Audio is a new disc format building on the success of DVD to provide high quality, uncompressed, multi-channel audio for a new experience in audio quality. A DVD Audio disc can be identified by the DVD audio logo on the disc jacket or on the disc itself.

DVD Audio can provide higher quality stereo than Audio CDs with a sampling rate of up to 192kHz (compared to 44.1kHz for CDs). DVD Audio digital sound can be delivered with up to 24 bits of data (compared to 16 bits for a standard CD).

A typical DVD Audio disc contains up to seven times the data capacity of a CD. This additional space is used for music, either Advanced Resolution multi-channel sound quality that is closer to the artist's master recording or for longer recordings. Many DVD Audio discs contain on-screen text, such as artist biographies, playlists, or lyrics. Some DVD Audio discs contain photo galleries or video clips.

𝒩 ote

If you use the DIGITAL OUT (OPTICAL) for your audio connection, the sound will only be similar to CD-quality sound even though you're playing a DVD Audio disc.

Changing GROUPs DVD-A   1/6

Some DVD Audio discs divide content into different groups. Your player enables you to quickly access different groups during playback via the on-screen display.
1. Press DISPLAY during playback on in Stop mode.
2. Use ▲/▼ to select Group icon.
3. Press ◄/► or the numbered buttons (0-9) to select a group number.

𝒩 ote

Sometimes the author of the disc creates hidden content that can only be accessed by entering a password. If the lock icon appears on the TV screen, enter the password (sometimes you'll find it on the disc's jacket cover or on a web site). This password control isn't dictated by your DVD/CD receiver — it is a function of the disc.
Since the authoring of DVD Audio Discs varies, some of the on-screen display choices might not be available for the disc you're playing.

Changing PAGEs DVD-A   1/12

Since DVD Audio discs can hold a lot of content, there are various ways to see what's available on the disc.
1. Press DISPLAY during playback.
2. Use ▲/▼ to select the Page icon.
3. Use ◄/► to select a page number.
   What appears on the screen will vary from disc to disc because the information available depends upon the way the disc was created.

𝒩 ote

Since the authoring of DVD Audio Discs varies, some of the on-screen display choices might not be available for the disc you're playing.

Audio CD and MP3/WMA Disc Operation

Playing an Audio CD or MP3/WMA Discs

CD   MP3   WMA

The DVD/CD receiver can play MP3/WMA formatted recordings on CD-ROM, CD-R, or CD-RW discs.
Before playing MP3/WMA recordings, read the notes on MP3/WMA Recordings on right.

1 **Insert a disc and close the tray.**
Audio CD: Audio CD menu appears on the TV screen go to step 4.
MP3/WMA disc: The MP3/WMA-JPEG choice menu appears on the TV screen. Go to step 2

> ♫ MP3|WMA
>
> 🖼 JPEG

2 **Use ▲/▼ to select the MP3/WMA option then press ENTER.**
The MP3/WMA menu appears on the TV screen.
Press RETURN to move to the MP3/WMA-JPEG choice menu.

MP3|WMA	Program
📁 Folder1	
📁 Folder2	
📁 Folder3	
📁 Folder4	
📁 Folder5	
📁 Folder6	
📁 Folder7	
📁 Folder8	Clear All
■ 00:00 📁 🔊 OFF	
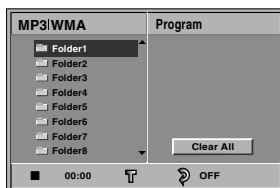
3 **Use ▲/▼ to select a folder, and ENTER.**
A list of files in the folder appears.

4 **Use ▲/▼ to select a track then press PLAY or ENTER.**
Playback starts.
During playback, the current track's elapsed playing time will appear on the display window and menu.
Playback will stop at the end of the disc.
Press TITLE to move to the next page.
Press MENU to move to the previous page.

CD	Program
TRACK01	
TRACK02	
TRACK03	
TRACK04	
TRACK05	
TRACK06	
TRACK07	
TRACK08	Clear All
■ 0: 56: 18 STER. BYPASS	

Audio CD Menu

MP3|WMA	Program
📁 ..	
TRACK 1.mp3	
TRACK 2.mp3	
TRACK 3.mp3	
TRACK 4.mp3	
TRACK 5.mp3	
TRACK 6.mp3	
TRACK 7.mp3	
TRACK 8.mp3	Clear All
■ 00:00 1 🔊 OFF	
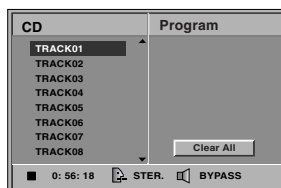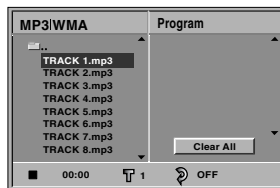
MP3/WMA Menu

Ｔ ip
If you are in a file list and want to return to the Folder list, use ▲/▼ to highlight and press ENTER to return to the previous menu screen.

5 **To stop playback at any other time, press STOP.**

Notes on MP3/WMA Recordings

About MP3

● An MP3 file is audio data compressed by using the MPEG1 audio layer-3 file-coding scheme. We call files that have the ".mp3" file extension "MP3 files".
● The player can not read an MP3 file that has a file extension other than ".mp3".

About WMA(Window Media Audio)

● A WMA file is a Microsoft audio compression technology.
● WMA(Windows Media Audio) offers double the audio compression of the MP3 format.

MP3/WMA Disc compatibility with this DVD/CD receiver is limited as follows:

1. Sampling Frequency / only at 44.1kHz (MP3), 32 - 44.1kHz (WMA)
2. Bit rate / within 32 - 320kbps (MP3), 32 - 128kbps (WMA)
3. CD-R physical format should be "ISO 9660"
4. If you record MP3/WMA files using the software which cannot create a FILE SYSTEM, for example "Direct-CD" etc., it is impossible to playback MP3/WMA files. We recommend that you use "Easy-CD Creator", which is the default in most software.
5. A single session disc requires MP3/WMA files in the first track. If there is no MP3/WMA file in the 1st track, it cannot playback MP3/WMA files. If you wish to playback MP3/WMA files, format all the data in the disc or use a new one.
6. File names should be named using 8 letters or less and must incorporate ".mp3" or ".wma" extension e.g. "********.MP3" or "********.WMA".
7. Do not use special letters such as "/ : * ? " < > " etc.
8. Total number of files on the disc should be less than 650.

This DVD/CD receiver requires discs/recordings to meet certain technical standards in order to achieve optimal playback quality. Pre-recorded DVDs are automatically set to these standards. There are many different types of recordable disc formats (including CD-R containing MP3 or WMA files). That require certain pre-existing conditions (see above) to insure compatible playback.

Customers should also note that permission is required in order to download MP3/WMA files and music from the Internet. Our company has no right to grant such permission. Permission should always be sought from the copyright owner.

Pause `CD` `MP3` `WMA`

1. Press PAUSE/STEP during playback.

2. To return to playback, press PLAY or press PAUSE/STEP again.

Changing Tracks `CD` `MP3` `WMA`

- Press SKIP/SCAN I◀◀ or ▶▶I briefly during playback to go to the next track or to return to the beginning of the current track.
- Press SKIP/SCAN I◀◀ twice briefly to step back to the previous track.
- For audio CDs, to go directly to any track, enter the track number using the numbered buttons (0-9) during playback.

Repeat Track/All/Off `CD` `MP3` `WMA`

1. To repeat the track currently playing, press REPEAT.
The Repeat icon and "TRACK" appear on the menu screen.

2. To repeat all tracks on a disc, press REPEAT a second time.
The Repeat icon and "ALL" appear on the menu screen.

3. To cancel Repeat mode, press REPEAT a third time.
The Repeat icon and "OFF" appear on the menu screen.

Search `CD` `MP3` `WMA`

1. Press and hold SKIP/SCAN I◀◀ or ▶▶I for about two seconds during playback.
The player will now go into SEARCH mode.

2. Press and hold SKIP/SCAN I◀◀ or ▶▶I repeatedly to select the required speed: ◀◀X2, ◀◀X4, ◀◀X8 (backward) or ▶▶X2, ▶▶X4, ▶▶X8 (forward).
Search speed and direction are indicated on the menu screen.

3. To exit SEARCH mode, press PLAY.

Repeat A-B `CD`

To repeat a sequence.
1. During disc playback, press REPEAT A-B at your chosen start point.
The Repeat icon and "A * " appears on the menu screen.

2. Press REPEAT A-B again at your chosen end point.
The Repeat icon and "A B" appear on the menu screen, and the sequence begins to play repeatedly.

3. To exit the sequence and return to normal play, press REPEAT A-B again.
The Repeat icon and "OFF" appear on the menu screen.

3D Surround `CD`

This unit can produce a 3D Surround effect, which simulates multi-channel audio playback from two conventional stereo speakers, instead of the five or more speakers normally required to listen to multi-channel audio from a home theater system.

1. Use SOUND MODE to select "3D SUR" during playback.

2. To turn off the 3D Surround effect, use SOUND MODE to select "BYPASS.".

Changing the Audio Channel `CD`

Press AUDIO repeatedly during playback to hear a different audio channel (STER., LEFT, or RIGHT).

JPEG FIle Operation

Viewing JPEG Files `JPEG`

This DVD/CD receiver can play discs with JPEG files and Kodak picture CDs. Before viewing JPEG files, read the notes on JPEG files on the right.

1 **Insert a disc and close the tray.**
The MP3/WMA-JPEG selection menu appears on the TV screen.

> MP3IWMA
>
> JPEG

2 **Use ▲/▼ to select the JPEG option then press ENTER.**
The JPEG menu appears on the TV screen.

> JPEG
> Folder1
> Folder2
> Folder3
> Folder4
> Folder5
> Folder6
> Folder7
> Folder8
> Slide Speed   Off
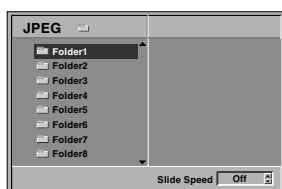
3 **Use ▲/▼ to select a folder, and ENTER.**
A list of files in the folder appears.
Press RETURN to move to the MP3/WMA-JPEG selection menu.

T **Tip**
If you are in a file list and want to return to the Folder list, use the ▲▼ buttons on the remote to highlight " ▣·· " and press ENTER to return to the previous menu screen.

4 **If you want to view a particular file, use ▲/▼ to highlight a file and press ENTER or PLAY.**
Viewing the file starts.
While viewing a file, press RETURN to move to the previous menu (JPEG menu).
Press TITLE to move to the next page.
Press MENU to move to the previous page.

> JPEG   Folder1
> ▣··
> Picture1
> Picture2
> Picture3
> Picture4
> Picture5
> Picture6
> Picture7
> 5/32   1024X768   Slide Speed   Off

> 5/32   1024X768   Picture5.jpg
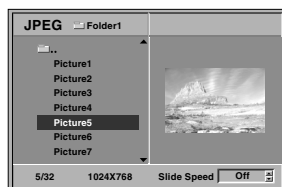
T **ip**
There are three viewing Slide Speed options: Fast, Normal, Slow, and Off. Use ◄/► to highlight the Slide Speed option then use ▲/▼ to select the option you want to use, and press ENTER.

5 **To stop viewing at any other time, press STOP.**
The JPEG menu appears.

Changing Files

Press SKIP/SCAN I◄◄ or ►►I once while viewing a picture to advance to the next file or to the previous file.

Still Picture

1. Press PAUSE/STEP while viewing a slide show.
   The DVD/CD receiver will now go into PAUSE mode.
2. To return to the slide show, press PLAY or press PAUSE/STEP again.

To flip the picture

Use ▲/▼ while viewing a picture to flip the picture horizontally or a vertically.

To rotate the picture

Use ◄/► while viewing a picture to rotate the picture clockwise or counter clockwise.

Notes on JPEG Files

● Depending upon the size and number of the JPEG files, it could take a long time for the DVD/CD receiver to read the disc's contents. If you don't see an on-screen display after several minutes, some of the files are too big — reduce the resolution of the JPEG files to less than 2 mega pixels and burn another disc.

● Total number of files and folders on the disc should be less than 650.

● Some disc may be incompatible due to different recording format or condition of disc.

● Ensure that all the selected files have the ".jpg" extensions when copying into the CD layout.

● If the files have ".jpe" or ".jpeg" extensions, please rename them as ".jpg" files.

● File names without ".jpg" extension will not be able to be read by this DVD/CD receiver, even though the files are shown as JPEG image files in windows explorer.

Audio CD and MP3/WMA Disc Programmed Playback

The Program function enables you to store your favorite tracks from any disc in the player's memory.

Program can contain 30 tracks.

1 **Press PROGRAM during playback or in the Stop mode to enter the Program Edit mode.**

The E mark will appear to the right of the word Program on the right side of the menu display.

$\mathcal{N}$ote

Press PROGRAM to exit the Program Edit mode; the E mark will disappear.

2 **Select a track, then press ENTER to place the selected track on the Program list.**

3 **Repeat step 2 to place additional tracks on the Program list.**

CD		Program	E
TRACK 1		TRACK 12	
TRACK 2		TRACK 8	
TRACK 3		TRACK 10	
TRACK 4		TRACK 3	
TRACK 5			
TRACK 6			
TRACK 7			
TRACK 8		Clear All	
■ 0: 56: 18	STER.	BYPASS	

MP3|WMA		Program	E
...		TRACK 8	
TRACK 1		TRACK 2	
TRACK 2		TRACK 4	
TRACK 3		TRACK 3	
TRACK 4			
TRACK 5			
TRACK 6			
TRACK 7			
TRACK 8		Clear All	
■ 00:00	3	OFF	
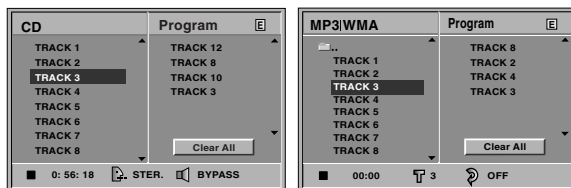
Audio CD menu　　　　**MP3/WMA menu**

4 **Press ▶.**
The programmed track you selected last is highlighted on the program list.

5 **Use ▲/▼ to select the track you want to start playing.**
Press TITLE to move to the next page.
Press MENU to move to the previous page.

6 **Press PLAY to start.**
Playback begins in the order in which you programmed the tracks and "PROG." appears on the menu display. Playback stops after all of the tracks on the Program list have played once.

7 **To resume normal playback from programmed playback, select a track of CD (or MP3/WMA) list and then press ENTER.**
"PROG." indicator disappears from the on the menu display.

Repeat Programmed Tracks

● To repeat the track currently playing, press REPEAT.
The Repeat icon and "TRACK" appear on the menu display.
● To repeat all tracks on the program list, press REPEAT a second time.
The Repeat icon and "ALL" appear on the menu display.
● To cancel Repeat mode, press REPEAT a third time.
The Repeat icon and "OFF" appear on the menu display.

Erasing a Track from the Program List

1. Press PROGRAM during playback (Audio CD and MP3/WMA disc only) or in the stop mode to enter the Program Edit mode.

The E mark will appear.

2. Press ▶ to move to the Program list.
3. Use ▲/▼ to select the track that you wish to erase from the Program list.
4. Press CLEAR.
The track will be erased from the Program list.

Erasing the Complete Program List

1. Follow steps 1-2 of "Erasing a Track from Program List" as above.
2. Use ▲/▼ to select "Clear All", then press ENTER.
The complete Program for the disc will be erased.
The programs are also cleared when the disc is removed.

Speaker Setup

Adjust the following settings for the built-in 5.1 channel surround decoder.

Disc Audio	
⊙ Disc Subtitle	
Disc Menu	R ⊡ R
🔒 Rating	
Country Code	Front L
	Volume 0 dB
▭ TV Aspect	Size Small
Menu Language	Distance 1 ft
Progressive Scan	Test
	Return
⊚ 5.1 Speaker Setup	
Others	
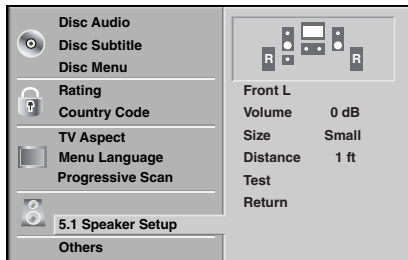
1 Select "5.1 Speaker Setup" on the Setup menu using the ▲/▼ buttons.

2 While "5.1 Speaker Setup" is selected, press ▶ button.

3 Use ▶ buttons to select the desired speaker.

4 Adjust options by using ▲▼◀ ▶ buttons.

Speaker selection

Select a speaker that you want to adjust. ((Front speakers (Left), Front speakers (Right), Center Speaker, Rear speakers (Left), Rear speakers (Right), or Subwoofer))

Volume

Use ◀ / ▶ to adjust the output level of the selected speaker. (-6dB ~ +6dB)

Size

Since the speaker settings are fixed, you cannot change the settings.

Distance

If you connected speakers to your DVD/CD receiver , setting the Distance lets the speakers know how far the sound has to travel to reach your listening point. This allows the sound from each speaker to reach the listener at the same time. (1 ft = 30.48 cm)

𝒩ote
You can not set the distancefor the subwoofer speaker.

Test

Press ENTER to test the signals of each speaker. Adjust the volume to match the volume of test signals memorized in the system.
● Front Left (L) → Centre → Front Right (R) → Rear Right (R) → Rear Left (L) → Subwoofer

Return

Press ENTER to return to the previous menu.

Additional Information

Last Condition Memory

`DVD` `CD`

This DVD/CD receiver memorizes the user settings for the last disc that you have viewed. Settings remain in memory even if you remove the disc from the player or switch off the player. If you load a disc that has its settings memorized, the latest stop position is automatically recalled.

𝒩otes
– Settings are stored in memory for use any time.
– This DVD/CD receiver does not memorize settings of a disc if you switch off the DVD/CD receiver before commencing to play it.

Presetting Radio stations

You can preset 30 stations for FM and AM (MW). Before tuning, make sure that you have turned down the volume.

1 **Use BAND on the remote control to access FM or AM (MW) in the display window.**

2 **Thereafter, each time you press BAND, FM and AM (MW) change alternately.**

3 **Press and hold TUNING |◀◀ ◀◀ or ▶▶ ▶▶| on the front panel for about two seconds until the frequency indication starts to change, then release.**
Scanning stops when the DVD/CD Receiver tunes in a station. "TUNED" and "STEREO" (for stereo program) appear in the display window.

N **ote**
"TUNED" only appears when the signal is FM and STEREO.

4 **Press MEMORY on the front panel.**
A preset number will flash in the display window.

5 **Press TUNING |◀◀ ◀◀ or ▶▶ ▶▶| on the front panel to select the preset number you want.**

6 **Press MEMORY on the front panel again.**
The station is stored.

7 **Repeat steps 3 to 6 to store other stations.**

To tune in a station with a weak signal

Press TUNING |◀◀ ◀◀ or ▶▶ ▶▶| repeatedly in step 3 to tune in the station manually.

To clear all the stored stations

Press and hold MEMORY for about two seconds. "CLEAR ALL" is appears in the display window, then press MEMORY again, the stations are cleared.

● If you have accidentally entered into the "CLEAR ALL" mode and you do not wish to clear the memory, do not press any key. After a few seconds, the "CLEAR ALL" display will go off by itself and change to normal mode.

N **ote**
If all stations have already been entered, the FULL message will appear in the display window for a moment and then a preset number will flash.
To change the preset number, follow the steps 5-6 as above.

Listening to the radio

Preset radio stations in the DVD/CD receiver's memory first (see "Presetting radio stations" on the left).

1 **Press BAND repeatedly until AM (MW) or FM appears in the display window.**
The last received station is tuned in.

2 **Press PRESET +/- repeatedly to select the preset station you want.**
Each time you press the button, the DVD receiver tunes in one preset station at a time.

3 **Adjust the volume by rotating VOLUME on the front panel or by pressing VOLUME + or - on the remote control repeatedly.**

To turn the radio Off
Press POWER to turn the DVD/CD receiver off or select another function mode (CD/DVD, VIDEO1, or VIDEO2).

To listen to non-preset radio stations
● Use manual or automatic tuning in step 2.

● For manual tuning, press TUNING |◀◀ ◀◀ or ▶▶ ▶▶| on the front panel repeatedly.

● For automatic tuning, press and hold TUNING |◀◀ ◀◀ or ▶▶ ▶▶| for about two seconds on the front panel.

To select a preset radio station directly
You can use the number buttons on the remote control to select a preset radio station directly.
For example, to listen to preset station 4, press 4 on the remote control. To listen to preset station 19, press 1 then 9 (within 3 seconds).

For your reference
● **If a FM program is noisy**
Press MONO/STEREO repeatedly on the front panel so that "STEREO" disappears from the display window. There will be no stereo effect, but the reception will improve. Press the button again to restore the stereo effect.

● **To improve reception**
Reorient the supplied antennas.

Other Functions

Sleep Timer Setup

You can set up the DVD/CD receiver to turn off automatically at a specified time.

1 **Press SLEEP to set up a sleep time.**
The SLEEP indicator and sleep time appears in the display window.

2 **Each time you press SLEEP the setting changes in the following order.**
SLEEP 90 →80 → 70 → 60→ 50 → 40 → 30 → 20 →10 → OFF

Note

- **You can check the time remaining before the DVD/CD receiver turns off.**
  Press SLEEP. The remaining time appears in the display window.

Dimmer

This function changes the brightness of the display window on the front panel during power-on status.
Press DIMMER repeatedly.

Mute

Press MUTE to remove the sound.

You can mute your unit in order, for example, to answer the telephone, "MUTE" indicator flashes in the display window.
Press MUTE again to restore the sound.

Using Headphones

Connect a stereo headphone plug (∅3.5mm) into the **PHONES input jack**.

The speakers are automatically disconnected when you plug in a headphone (not supplied).

Selecting Input Sources

You can use a VCR or other devices connected to the VIDEO1, VIDEO2 jacks or the Optical input. Refer to the owner's manual supplied with the device(s) for further information on their operation.
Press AUX repeatedly on the remote control to select the desired input source.
Each time you press this button, the sources change in the following sequence:

- **VIDEO 1:** for selecting the analog signal from VIDEO1 AUDIO IN (L/R) & VIDEO IN jacks.
- **VIDEO 1 OPT:** for selecting the digital signal from VIDEO 1 OPTICAL IN jack.
- **VIDEO 2:** for selecting the analog signal from VIDEO2 AUDIO IN (L/R) & VIDEO IN jacks.
- **VIDEO2 OPT:** for selecting the digital signal from VIDEO 2 OPTICAL IN jack.

Notes

- The Optical input function is available only when the other unit's Sampling Frequency is 32 ~ 96kHz.
- You can also select the input source with the PLAY/FUNCTION button on the front panel.
  Press and hold down this button about 3 seconds, then press repeatedly to select other input source.

Language Code List

Enter the appropriate code number for the initial settings "Disc Audio", "Disc Subtitle" and/or "Disc Menu" (See page 20).

Code	Language	Code	Language	Code	Language	Code	Language
6566	Abkhazian	7074	Fiji	7678	Lingala	8373	Singhalese
6565	Afar	7073	Finnish	7684	Lithuanian	8375	Slovak
6570	Afrikaans	7082	French	7775	Macedonian	8376	Slovenian
8381	Albanian	7089	Frisian	7771	Malagasy	8379	Somali
6577	Ameharic	7176	Galician	7783	Malay	6983	Spanish
6582	Arabic	7565	Georgian	7776	Malayalam	8385	Sudanese
7289	Armenian	6869	German	7784	Maltese	8387	Swahili
6583	Assamese	6976	Greek	7773	Maori	8386	Swedish
6588	Aymara	7576	Greenlandic	7782	Marathi	8476	Tagalog
6590	Azerbaijani	7178	Guarani	7779	Moldavian	8471	Tajik
6665	Bashkir	7185	Gujarati	7778	Mongolian	8465	Tamil
6985	Basque	7265	Hausa	7865	Nauru	8484	Tatar
6678	Bengali; Bangla	7387	Hebrew	7869	Nepali	8469	Telugu
6890	Bhutani	7273	Hindi	7879	Norwegian	8472	Thai
6672	Bihari	7285	Hungarian	7982	Oriya	6679	Tibetan
6682	Breton	7383	Icelandic	8065	Panjabi	8473	Tigrinya
6671	Bulgarian	7378	Indonesian	8083	Pashto, Pushto	8479	Tonga
7789	Burmese	7365	Interlingua	7065	Persian	8482	Turkish
6669	Byelorussian	7165	Irish	8076	Polish	8475	Turkmen
7577	Cambodian	7384	Italian	8084	Portuguese	8487	Twi
6765	Catalan	7465	Japanese	8185	Quechua	8575	Ukrainian
9072	Chinese	7487	Javanese	8277	Rhaeto-Romance	8582	Urdu
6779	Corsican	7578	Kannada	8279	Rumanian	8590	Uzbek
7282	Croatian	7583	Kashmiri	8285	Russian	8673	Vietnamese
6783	Czech	7575	Kazakh	8377	Samoan	8679	Volapük
6865	Danish	7589	Kirghiz	8365	Sanskrit	6789	Welsh
7876	Dutch	7579	Korean	7168	Scots Gaelic	8779	Wolof
6978	English	7585	Kurdish	8382	Serbian	8872	Xhosa
6979	Esperanto	7679	Laothian	8372	Serbo-Croatian	7473	Yiddish
6984	Estonian	7665	Latin	8378	Shona	8979	Yoruba
7079	Faroese	7686	Latvian, Lettish	8368	Sindhi	9085	Zulu

Country Code List

Enter the appropriate code number for the initial setting "Country Code" (See page 22).

Code	Country	Code	Country	Code	Country	Code	Country
AD	Andorra	ER	Eritrea	LC	Saint Lucia	SC	Seychelles
AE	United Arab Emirates	ES	Spain	LI	Liechtenstein	SD	Sudan
AF	Afghanistan	ET	Ethiopia	LK	Sri Lanka	SE	Sweden
AG	Antigua and Barbuda	FI	Finland	LR	Liberia	SG	Singapore
AI	Anguilla	FJ	Fiji	LS	Lesotho	SH	Saint Helena
AL	Albania	FK	Falkland Islands	LT	Lithuania	SI	Slovenia
AM	Armenia	FM	Micronesia	LU	Luxembourg	SJ	Svalbard and Jan Mayen
AN	Netherlands Antilles	FO	Faroe Islands	LV	Latvia		Islands
AO	Angola	FR	France	LY	Libya	SK	Slovak Republic
AQ	Antarctica	FX	France (European	MA	Morocco	SL	Sierra Leone
AR	Argentina		Territory)	MC	Monaco	SM	San Marino
AS	American Samoa	GA	Gabon	MD	Moldavia	SN	Senegal
AT	Austria	GB	Great Britain	MG	Madagascar	SO	Somalia
AU	Australia	GD	Grenada	MH	Marshall Islands	SR	Suriname
AW	Aruba	GE	Georgia	MK	Macedonia	ST	Saint Tome and Principe
AZ	Azerbaidjan	GF	French Guyana	ML	Mali	SU	Former USSR
BA	Bosnia-Herzegovina	GH	Ghana	MM	Myanmar	SV	El Salvador
BB	Barbados	GI	Gibraltar	MN	Mongolia	SY	Syria
BD	Bangladesh	GL	Greenland	MO	Macau	SZ	Swaziland
BE	Belgium	GM	Gambia	MP	Northern Mariana Islands	TC	Turks and Caicos Islands
BF	Burkina Faso	GN	Guinea	MQ	Martinique (French)	TD	Chad
BG	Bulgaria	GP	Guadeloupe (French)	MR	Mauritania	TF	French Southern
BH	Bahrain	GQ	Equatorial Guinea	MS	Montserrat		Territories
BI	Burundi	GR	Greece	MT	Malta	TG	Togo
BJ	Benin	GS	S. Georgia & S. Sandwich	MU	Mauritius	TH	Thailand
BM	Bermuda		Isls.	MV	Maldives	TJ	Tadjikistan
BN	Brunei Darussalam	GT	Guatemala	MW	Malawi	TK	Tokelau
BO	Bolivia	GU	Guam (USA)	MX	Mexico	TM	Turkmenistan
BR	Brazil	GW	Guinea Bissau	MY	Malaysia	TN	Tunisia
BS	Bahamas	GY	Guyana	MZ	Mozambique	TO	Tonga
BT	Bhutan	HK	Hong Kong	NA	Namibia	TP	East Timor
BV	Bouvet Island	HM	Heard and McDonald	NC	New Caledonia (French)	TR	Turkey
BW	Botswana		Islands	NE	Niger	TT	Trinidad and Tobago
BY	Belarus	HN	Honduras	NF	Norfolk Island	TV	Tuvalu
BZ	Belize	HR	Croatia	NG	Nigeria	TW	Taiwan
CA	Canada	HT	Haiti	NI	Nicaragua	TZ	Tanzania
CC	Cocos (Keeling) Islands	HU	Hungary	NL	Netherlands	UA	Ukraine
CF	Central African Republic	ID	Indonesia	NO	Norway	UG	Uganda
CG	Congo	IE	Ireland	NP	Nepal	UK	United Kingdom
CH	Switzerland	IL	Israel	NR	Nauru	UM	USA Minor Outlying
CI	Ivory Coast	IN	India	NU	Niue		Islands
CK	Cook Islands	IO	British Indian Ocean	NZ	New Zealand	US	United States
CL	Chile		Territory	OM	Oman	UY	Uruguay
CM	Cameroon	IQ	Iraq	PA	Panama	UZ	Uzbekistan
CN	China	IR	Iran	PE	Peru	VA	Vatican City State
CO	Colombia	IS	Iceland	PF	Polynesia (French)	VC	Saint Vincent &
CR	Costa Rica	IT	Italy	PG	Papua New Guinea		Grenadines
CS	Former Czechoslovakia	JM	Jamaica	PH	Philippines	VE	Venezuela
CU	Cuba	JO	Jordan	PK	Pakistan	VG	Virgin Islands (British)
CV	Cape Verde	JP	Japan	PL	Poland	VI	Virgin Islands (USA)
CX	Christmas Island	KE	Kenya	PM	Saint Pierre and Miquelon	VN	Vietnam
CY	Cyprus	KG	Kyrgyzstan	PN	Pitcairn Island	VU	Vanuatu
CZ	Czech Republic	KH	Cambodia6	PR	Puerto Rico	WF	Wallis and Futuna Islands
DE	Germany	KI	Kiribati	PT	Portugal	WS	Samoa
DJ	Djibouti	KM	Comoros	PW	Palau	YE	Yemen
DK	Denmark	KN	Saint Kitts & Nevis Anguilla	PY	Paraguay	YT	Mayotte
DM	Dominica	KP	North Korea	QA	Qatar	YU	Yugoslavia
DO	Dominican Republic	KR	South Korea	RE	Reunion (French)	ZA	South Africa
DZ	Algeria	KW	Kuwait	RO	Romania	ZM	Zambia
EC	Ecuador	KY	Cayman Islands	RU	Russian Federation	ZR	Zaire
EE	Estonia	KZ	Kazakhstan	RW	Rwanda	ZW	Zimbabwe
EG	Egypt	LA	Laos	SA	Saudi Arabia		
EH	Western Sahara	LB	Lebanon	SB	Solomon Islands		

Troubleshooting

Check the following guide for the possible cause of a problem before contacting service.

Symptom	Cause	Correction
No power.	• The power cord is disconnected.	• Plug the power cord securely into the wall outlet.
The power is on, but the DVD/CD receiver does not work.	• No disc is inserted.	• Insert a disc. (Check that the DVD or, audio CD indicator in the DVD display is lit.)
No picture.	• The TV is not set to receive DVD signal output.	• Select the appropriate video input mode on the TV so the picture from the DVD/CD receiver appears on the TV screen.
	• The video cable is not connected securely.	• Connect the video cable into the jacks securely.
	• The connected TV power is turned off.	• Turn on the TV.
There is no sound or only a very low-level sound is heard.	• The equipment connected with the audio cable is not set to receive DVD signal output.	• Select the correct input mode of the audio receiver so you can hear the sound from the DVD/CD receiver.
	• The audio cables are not connected securely.	• Connect the audio cable into the jacks securely.
	• The power of the equipment connected with the audio cable is turned off.	• Turn on the equipment connected with the audio cable.
	• The audio connecting cable is damaged.	• Replace it with new one.
The playback picture is poor.	• The disc is dirty.	• Clean the disc.
The DVD/CD receiver does not start playback.	• No disc is inserted.	• Insert a disc. (Check that the DVD, or audio CD indicator in the DVD display is lit.)
	• An unplayable disc is inserted.	• Insert a playable disc. (Check the disc type, colour system and Regional code.)
	• The disc is placed upside down.	• Place the disc with the playback side down.
	• The disc is not placed within the guide.	• Place the disc on the disc tray correctly inside the guide.
	• The disc is dirty.	• Clean the disc.
	• A menu is on the TV screen.	• Press the SETUP button to turn off the menu screen.
	• The Rating level is set.	• Cancel the Rating function or change the rating level.
Loud hum or noise is heard.	• The plugs and jacks are dirty.	• Wipe them with a cloth slightly moistened with alcohol.
	• The disc is dirty.	• Clean the disc.
	• The speakers and components are connected poorly.	• Connect the speakers and components securely.
	• The DVD/CD receiver is located too close to the TV.	• Move your TV away from the audio components.

Symptom	Cause	Correction
Radio stations cannot be tuned in.	• The antenna is positioned or connected poorly.	• Connect the antenna securely.
		• Adjust the antennas and connect an external antenna if necessary.
	• The signal strength of the stations is too weak (when tuning in with automatic tuning).	• Tune in the station manually.
	• No stations have been preset or preset stations have been cleared (when tuning by scanning preset stations).	• Preset the stations (page 32).
The remote control does not work properly.	• The remote control is not pointed at the remote sensor of the DVD/CD receiver.	• Point the remote control at the remote sensor of the DVD/CD receiver.
	• The remote control is too far from the DVD/CD receiver.	• Use the remote control within about 23 ft (7 m).
	• There is an obstacle in the path of the remote control and the DVD/CD receiver.	• Remove the obstacle.
	• The batteries in the remote control are flat.	• Replace the batteries with new ones.
The sound mode or Pro Logic II mode cannot be changed.	• The system cannot change while playing a MP3 or WMA disc.	• Insert such a CD disc.
The front panel display is too dim.	• Nothing is displayed on the front panel display.	• Press DIMMER on the remote control.

REFERENCE

Specification

[General]	Power supply	Refer to main label (labeled at the bottom cover)	
	Power consumption	Refer to main label (labeled at the bottom cover)	
	Mass	5.9 kg	
	External dimensions (W x H x D)	360 x 82 x 344 mm	
	Operating conditions	Temperature: 5°C to 35°C, Operation status: Horizontal	
	Operating humidity	5% to 85%	
[CD/DVD]	Laser	Semiconductor laser, wavelength 650 nm	
	Signal system	PAL 625/50, NTSC 525/60	
	Frequency response (audio)	150 Hz to 18 kHz	
	Signal-to-noise ratio (audio)	More than 70 dB (1 kHz, NOP, 20 kHz LPF/A-Filter)	
	Dynamic range (audio)	More than 70 dB	
	Harmonic distortion (audio)	0.5 % (1 kHz, at 12W position) (20 kHz LPF/A-Filter)	
[Video]	Video input	1.0 V (p-p), 75 Ω, negative sync., RCA jack x 2	
	Video output	1.0 V (p-p), 75 Ω, negative sync., RCA jack x 1	
	S-video output	(Y) 1.0 V (p-p), 75 Ω, negative sync., Mini DIN 4-pin x 1 (C) 0.3 V (p-p), 75 Ω	
	Component Video output	(Y) 1.0 V (p-p), 75 Ω, negative sync., RCA jack x 1 (Pb)/(Pr) 0.7 V (p-p), 75 Ω, RCA jack x 1	

[Tuer]

[FM]	Tuning Range	87.5 - 108.0 MHz
	Intermediate Frequency	10.7 MHz
	Signal-to Noise Ratio	60 dB (Mono)
	Frequency Response	150 - 8,000 Hz
AM [MW]	Tuning Range	530 - 1,720 kHz
	Intermediate Frequency	450 kHz

[Amplifier]	Stereo mode	70W + 70W (8Ω at 1 kHz, THD 10 %)
	Surround mode **(* Depending on the sound mode settings and the source, there may be no sound output.)**	Front: 70W + 70W (THD 10 %) Centre*: 70W Surround*: 70W + 70W (8Ω at 1 kHz, THD 10 %) Subwoofer*: 100W (4Ω at 30 Hz, THD 10 %)
	Inputs	VIDEO 1, VIDEO 2, OPTICAL AUDIO
	Outputs	VIDEO 1 (AUDIO OUT) : 2 V PHONES: (32 Ω, 0.8 V) OPTICAL AUDIO

Transmitter (ACC-W6100)	TX	Transmission Output : 2.4GHz, Power Supply : DC 7V
	RX	Reception Output : 2.4GHz,

[Speakers]

	Front Speaker FE-6100TE	Center Speaker FE-6100CVE	Subwoofer FE-6100WE	Wireless Speaker FA-W6100SR/SL
Type	2 Way 3 Speaker	2 Way 3 Speaker	1 Way 1 Speaker	2 Way 3 Speaker
Frequency Response	110 - 40000 Hz	110 - 40000 Hz	40 - 15000 Hz	110 - 40000 Hz
Sound Pressure Level	83 dB/W (1m)	83 dB/W (1m)	82 dB/W (1m)	83 dB/W (1m)
Rated Input Power	50W	50W	100W	50W
Max. Input Power	100W	100W	200W	100W
Net Dimensions (W x H x D)	270x1150x270 mm	329x117x90 mm	350x326x350 mm	270x1150x270 mm
Net Weight	4.78 kg	0.92 kg	7.2 kg	5.1 kg

[Supplied Accessories]

- Audio cable 1
- Speakers 6
- Remote control 1
- AM loop antenna 1
- Video cable 1
- Speaker cables 5
- Batteries (AAA) 2
- FM antenna 1

✽ **Designs and specifications are subject to change without notice.**

Note

LG

P/N: 3828R-D038B